PATENT COOPERATION TREATY

# **PCT**

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

A - P Glass	<del></del>	· · · · · · · · · · · · · · · · · · ·					
Applicant's or agent's file reference ck 2497/PCT	FOR FURTHER ACTION See Notification of Transmittal of In						
International application No. PCT/EP98/02667	International filing date ( 06 May 1998 (0		Priority date (day/month/year) 16 June 1997 (16.06.1997)				
International Patent Classification (IPC) or n H02G 1/08	national classification and H	C					
Applicant	KATIMEX CIEL	ER GMBH					
This international preliminary example Authority and is transmitted to the a	mination report has been pplicant according to Article	prepared by this	International Preliminary Examining				
2. This REPORT consists of a total of 5 sheets, including this cover sheet.							
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).							
These annexes consist of a total of 5 sheets.							
3. This report contains indications relating to the following items:							
Basis of the report							
II Priority							
III Non-establishment	III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
IV Lack of unity of in	vention						
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
VI Certain documents	VI Certain documents cited						
VII Certain defects in t	VII Certain defects in the international application						
VIII Certain observations on the international application							
Date of submission of the demand	Da	e of completion o	of this report				
12 December 1998 (12.12	2.1998)	17 A	August 1999 (17.08.1999)				
Name and mailing address of the IPEA/EP European Patent Office D-80298 Munich, Germany	Au	Authorized officer					
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Translation

International application No.

## PCT/EP98/02667

I. Basis of the report							
1. This under	repor	t has been drawn of	on the basis of in this report as	(Replacement sheets "originally filed"	ts which have been furnished to and are not annexed to the t	o the receiving Office in response to an invitation report since they do not contain amendments.):	
		the international	application as	originally filed.			
	$\boxtimes$	the description,	pages	1-13	_, as originally filed,	,	
			pages		_, filed with the demand,		
		•	pages		_, filed with the letter of	,	
			pages		_, filed with the letter of		
<b> </b> 	$\boxtimes$	the claims,	Nos		_, as originally filed,		
			Nos	<del></del>	_ , as amended under Artic	le 19,	
			Nos	·	_, filed with the demand,		
			Nos	1-24	_, filed with the letter of	03 May 1999 (03.05.1999)	
						·	
	$\boxtimes$	the drawings,	sheets/fig	1/4 - 4/4	_ , as originally filed,		
			sheets/fig	·	_, filed with the demand,		
			sheets/fig		_, filed with the letter of		
			sheets/fig		_, filed with the letter of	-	
2. The ai	mend	ments have resulte	ed in the cance	llation of:			
		the description,	pages				
		the claims,	Nos.				
		the drawings,	sheets/fig				
3.	This to go	report has been es beyond the discle	stablished as if osure as filed, a	(some of) the am as indicated in the	nendments had not been ma e Supplemental Box (Rule 3	de, since they have been considered 70.2(c)).	
4. Additi	ional	observations, if no	ecessary:			<i>[1]</i>	
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emational application No.
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<b>v</b> .	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
1.	Statement							
	Novelty (N)	Claims	1-24	YES				
		Claims		NO				
	Inventive step (IS)	Claims	1-24	YES				
		Claims		NO NO				
	Industrial applicability (IA)	Claims	1-24	YES				
		Claims		NO				

- 2. Citations and explanations
  - 1. The subject matter of Claim 1 which relates to pincers for displacing flexible strand material differs from the closest prior art CH-A-580 344 (D1) (cf. column 1, line 45 to column 2, line 33, Figures 1 and 2) in that the conveying device is in the form of a transmission belt which extends around the pincer body in the longitudinal direction thereof. The subject matter of Claim 1 is therefore novel over the prior art defined in the Regulations (PCT Rule 64.1-64.3) and the criterion stipulated in PCT Article 33(2) is satisfied.
  - 2. The distinguishing feature mentioned offers a solution to the problem of simplifying manipulation of the pincers, wherein the forces to be used to move the flexible strand material are reduced and the strand material is displaced without moving the pincers.

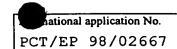
The prior art does not suggest this solution. NL-A-92 00 038 (D2) discloses (cf. page 2, lines 23-29; page 6, lines 5-7; Claim 3; Figure 2) a device provided with a handle for displacing flexible material which has two transmission belts arranged

fixedly with respect to each other. Adapting this device to different strand material levels of thickness as defined in the invention is not indicated. The invention does not only concern a transmission belt as a conveying device but also a strand material drive which involves a transmission belt interacting with a pincer handle; the contact pressure on the strand material can be easily adjusted depending on the material and/or its thickness. The compact structure of the retracting device in CH-A-580 344 (D1) with engaging gear wheels with entrainment rollers is not suitable to cause a person skilled in the art to replace an entrainment roller with a transmission belts and thus to adjust the contact pressure to the strand material as claimed.

The subject matter of Claim 1 therefore can be considered to involve an inventive step and the criterion stipulated in PCT Article 33(3) is satisfied.

Claims 2-24 are dependent on Claim 1. Consequently, their subject matter can also be considered inventive (PCT Article 33(3)).

3. The invention relates to pincers for displacing flexible strand material and therefore can be considered industrially applicable (PCT Article 33(4)).



#### VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

- 1. The description should have outlined D1-D4 and given a brief outline of the relevant prior art contained therein. The requirements of PCT Rule 5.1(a)(ii) are therefore not satisfied.
- 2. The description is not in line with the claims (PCT Rule 5.1(a)(iii)). Since the transmission belt represents an essential feature, the expressions "for example a drive wheel" on page 2, line 9 and "preferably" in line 26 should be deleted.